BRUHAT BANGALORE MAHANAGARA PALIKE, YALAHANKA ZONE

APPROVED SCHEDULE-B

Name of Work : Improvements of Drains and Asphalting to main roads and cross roads in ward no 8, Kodigehalli sub Division.

Sl. No	Approved Quantity	Description	Unit	Approved Rate of KRIDL		
				Rates	In Figures	In Words
1	933.75	KSRRB 300-1. Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (Page no 149, Item no. 19.2 of BCSR 2012-13)	Cum	81.00	75633.75	Rupees in Seventy five Thousand six hundred thirty three and seventy five Paise only
2	5832.00	Removing B.S. slab of Drain and stacking. (Page no 28, Item no. 5.32 of BCSR 2012-13)	Sqm	44.47	259349.04	Rupees in Two lakhs fifty Nine thousand three hundred forty nine and four paise only
3	5832.00	Refixing stone slabs of drains and pointing in C.M (1:3) (Page no 28, Item no. 5.33 of BCSR 2012-13)	Sqm	63.00	367416.00	Rupees in Three lakhs sixty seven thousand four hundred sixteen only
4	5071.31	KSRRB 300-3. Earthwork excavation and foming in embankment by manual means in Hard Soil with initial lead upto 15 m. and lift of 1.5m. (When earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (excluding watering and compaction of earth) MORTH Chapter 3 (Page no 149, Item no. 19.4 of BCSR 2012-13)	Cum	112.32	569609.82	Rupees in Five lakhs sixty nine thousand six hundred nine and eight two only
5	450.00	Dismantling Cement concrete flooring or plain cement concrete work including removing and conveying the debries to distance up to 200 m (Avg 15 cms Tk) (Page no 28, Item no.37.51 of BCSR 2012-13)	Sqm	38.88	17496.00	Rupees in Seventeen Thousand four hundred ninty six only

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6	2085.00	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (Page no 28, Item no. 5.31.1 of BCSR 2012-13)	Sqm	315.36	657525.60	Rupees in Six lakhs fifty seven thousand five hundred twenty five and sixty paise only
7	1.76	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down sze graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials labour HOM of machinery curing complete as per specifications (Page-12/Item No. 4.3) 2012-13 SR	Cum	3884.76	6817.75	Rupees in six thousand eight hundred seventeen and Seventy five paise only
8	6.67	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878cum and fine aggregtes @ 0.459cum with superplastisiser @ 3 lts confirming to IS 9103-1999 Reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (P-13, Item 4.11) 2012-13 SR	Cum	5239.08	34939.42	Rupees in Thirty four Thousand Nine hundred thirtynine and forty two paise only
9	32.50	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per pecificaitons.(P-17 Item No. 4.31 2012-13 SR)	Sqm	244.08	7932.60	Rupees in Seven thousand Nine hundred thirty two and sixty Paise only

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10	6.67	KSRB 4.9.2 : Providing T.M.T. Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking , placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (Page No. 19& Item No. 4.46) 2012-13 SR	Qtl	7323.48	48840.29	Rupees in forty eight thousand Eight hundred forty and Twenty nine Paise Only
11	1650.00	KSRRB 300-44 Scarifying top bituminous surface or surface dressing or premix carpet including picking up scarified materials, stacking of old serviceable materials within a lead of 100 metres by manual means including cost of all abour charges complete as per specifications. MORTH Chapter 3 (Page no 155, Item no. 19.50 of BCSR 2012-13)	Sqm	17.93	29584.50	Rupees in Twenty Nine thousand Five Hundred Eight four and Fifty Paise only
12	2856.53	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH Specification No. 406 (Page no 166, Item no. 20.18 of BCSR 2012-13)	Cum	1059.48	3026431.11	Rupees in Thirty lakhs Twenty six thousand four hundred thirty one and Elven only
13	15187.50	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.MORTH Specification No. 502 (Page no 171, Item no. 21.6 of BCSR 2012-13)	Sqm	39.64	602032.50	Rupees in Six lakhs Two Thousand thirty two and fifty paise only

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14	**379.69**	KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications 25-30 mm compacted thickness with 5% bitumen 80/100 (Grading II (Page no 174, Item no. 21.20.1 of BCSR 2012-13)	**Cum**	**8829.00**	**3352260.94**	Rupees in Thirty Three lakhs Fifty two thousand two hundred sixty and ninty four Paise only
15	**484.00**	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.MORTH Specification No. 803 (Page no 193, Item no. 24.15 of BCSR 2012-13)	**Sqm**	**429.84**	**208042.56**	Rupees in Two lakhs Eight Thousand forty two and fifty six Paise only
16	**200.00**	KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, die- cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications (Page no 197, Item no. 24.41 of BCSR 2012-13)	**Nos**	**429.84**	**85968.00**	Rupees in Eighty five thousand Nine Hundred sixty eight only

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17	40.00	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of high intensity grade sheeting vide clause 800.1.3, fixed over Aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing complete as per specifications. (Page No. 192/24.2) SR 2012-13	Nos	3205.44	128217.60	Rupees in One lakhs Twenty Eight thousand Two Hundred Seventeen and Sixty Paise only
18	6005.06	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.MORTH Chapter 1 (Page no 197, Item no. 24.41 of BCSR 2012-13)	Cum	67.18	403420.10	Rupees in Four lakhs Three Thousand Four Hundred Twenty and Ten Paise Only

Signature of the Contractor

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